	Α	В	С	D	E	T F	G	Н		T .	Г к
1		5		US Steel	For years:	Created by:	Version:		<u> </u>		"
2		Draft			2008-2011	Brian Dickens	8/22/2012				
		Drait		Gary Violations	2008-2011	Brian Dickens	8/22/2012				
3	Violations								Total #		
								Actual	Violation	Already	
ا _م ا		Evidence Source	Period	Violation Description	Citation	Evidence Location	Date	Emission		Alleged?	Comments
5		Evidence Source	Teriou	Violation Description	Citation	Evidence Edeation	Dute	EIIIISSIOII	,	лисьси.	Comments
6											
7	2008	SFNESHAP	1&2Q08	No violations							
				#5 and #7 coke oven,		IDEM referral on F:					
				Failure to Operate		drive, but no					Baghouse was not on during pushing, 326 IAC 2-7-6(6)
١. ا		L		Controls during		reports to back it					is permit cite but is "other provisions commissioner
8		Title V	1Q08	Pushing #5 and #7 coke oven,	D.2.18(a)(2),	up IDEM referral on F:	1/1/2008	NA	1	New	may require"
l				Failure to Operate		drive, but no					Baghouse was not on during pushing, 326 IAC 2-7-6(6)
				Controls during		reports to back it					is permit cite but is "other provisions commissioner
9		Title V	1Q08	Pushing	D.2.18(a)(2)	up	3/11/2008	NA	1	New	may require"
						IDEM referral on F:					
						drive, but no				Same Equip,	
l				#1 BOF Roof monitor	D.8.4(b), 326 IAC	reports to back it				Same	
10		Title V	1Q08	opacity	6.8-3-4, 63.7790	up	2/15/2008	27.5%	1	violation	
l					D.2.4(a), D.2.5(e), 326 IAC 11-3-2(f),						
l					326 IAC 6.8-9-	IDEM referral on F:					
					3(a)(1), no more	drive, but no				Same Equip,	
l				#5 coke oven battery	than 10% of doors	reports to back it				Same	
11		Title V	1Q08	doors opacity	leaking	up	3/14/2008	12.7%	1	violation	
l					D.2.4(a), D.2.5(e),						
l					326 IAC 11-3-2(f),						
l					326 IAC 6.8-9- 3(a)(1), no more	IDEM referral on F: drive, but no				Same Equip,	
l				#7 coke oven battery	than 10% of doors	reports to back it				Same Equip,	
12		Title V	1Q08	doors opacity	leaking	up	3/31/2008	21.0%	1	violation	
				· '	D.2.4(a), D.2.5(e),						
l					326 IAC 11-3-2(f),						
l					326 IAC 6.8-9-	IDEM referral on F:					
l				107	3(a)(1), no more	drive, but no				Same Equip,	
13		Title V	2Q08	#7 coke oven battery doors opacity	than 10% of doors leaking	reports to back it up	5/3/2008	12.3%		Same violation	
13		Title v	2Q06	doors opacity	D.2.4(a), D.2.5(e),	ир	3/3/2006	12.3/0	-	VIOIALIOIT	
					326 IAC 11-3-2(f),						
					326 IAC 6.8-9-	IDEM referral on F:					
					3(a)(1), no more	drive, but no				Same Equip,	
				#7 coke oven battery	than 10% of doors	reports to back it				Same	
14 15		Title V	2Q08	doors opacity	leaking	up	5/10/2008	10.8%	1	violation	
16		5C NESHAP	1&2Q08	No violations							
10											
						Attachment 1 of				Same Equip.	Battery shutdown on 7/18, high pressure purge of
				No 7 underfire stack	63.7296(b), 20%	hard copy report in				Same	steam and nitrogen eroded carbon buildup, causing
17		5C NESHAP	3Q08	opacity	opacity	fileroom file	7/25/2008	23.0%	1	violation	cracks
				#2l b-4:	D.2.4(e)(1), no VE					Same Equip,	
18		Title V	3Q08	#2 coke oven battery offtakes opacity	on more than 5% of offtakes	electronic copy of T5 report, F drive	7/2/2008	6.7%		Same violation	
10		True V	3400	On takes opacity	oi oiitakes	115 report, runve	1/2/2008	0.776	1 1	violation	l .

				1 .			_				
	Α	В	С	D	E E	F	G	Н	- 1	J	K
l					D.2.4(a), D.2.5(e),						
l					326 IAC 11-3-2(f),						
					326 IAC 6.8-9-						
				l	3(a)(1), no more					Same Equip,	
					than 10% of doors	electronic copy of				Same	
19		Title V	3Q08	doors opacity	leaking	T5 report, F drive	7/16/2008	12.7%	1	violation	
										Reg cite in	
										Complaint,	
					D.2.26, 5C NESHAP,			Raw Gas		but	Took battery down, purged with steam and nitrogen
ΙI				general excess	63.7800(a) and	electronic copy of		leaving		different	which removed carbon from door seals, when charged
20		Title V	3Q08	emissions	63.6(e)	T5 report, F drive	7/25/2008	ovens	1	equip	again significant leaks of gas out of oven
										Same Equip,	
ΙI				#2 coke oven battery	D.2.4©(2), 20%	electronic copy of				Same	
21		Title V	3Q08	push opacity	from pushing	T5 report, F drive	8/12/2008	32.5%	1	violation	
П											
					D.2.4(e)(1), no VE					Same Equip,	
ll				#2 coke oven battery	on more than 5%	electronic copy of				Same	
22		Title V	3Q08	offtake opacity	of offtakes	T5 report, F drive	8/27/2008	7.3%	1	violation	
\sqcap			1	· · ·							
					D.2.4(e)(1), no VE					Same Equip,	
ΙI				#2 coke oven battery	on more than 5%	electronic copy of				Same	
23		Title V	3Q08	offtake opacity	of offtakes	T5 report, F drive	9/2/2008	6.8%	1	violation	
۳		1100	5400	Official Opacity	OT OTTERKES	15 report, r drive	3,2,2000	0.070		Violation	
ΙI					D.2.4(e)(1), no VE					Same Equip,	
ΙI				#2 coke oven battery	on more than 5%	electronic copy of				Same Equip,	
24		Title V	3Q08	offtake opacity	of offtakes	T5 report, F drive	9/4/2008	5.6%		violation	
24		Title v	3000	Officake opacity	OI OIILakes	13 Teport, Fullye	3/4/2008	3.0%		VIOIALIOIT	
ΙI					D 2 4/- 1/11 1/E					Same Equip,	
ΙI				#2 coke oven battery	D.2.4(e)(1), no VE on more than 5%					Same Equip,	
ا ء ا		Title V	3Q08			electronic copy of	0/5/2000	5 501			
25 26		Title V	3Q08	offtake opacity	of offtakes	T5 report, F drive	9/5/2008	5.6%	1	violation	
26											
ΙI											
ΙI				Don't have report but							
ا ـ ـ ا			1	assume all violations in							
27	т	5C NESHAP	4Q08	Title V report							
					D.2.4(a), D.2.5(e),						
					326 IAC 11-3-2(f),						
					326 IAC 6.8-9-						
					3(a)(1), no more					Same Equip,	
					than 10% of doors	electronic copy of				Same	
28		Title V	4Q08	#5 coke oven doors	leaking	T5 report, F drive	12/20/2008	12.0%	1	violation	
1]											
Ιl				Don't have report but						1	
				assume all violations in							
29	*	5F NESHAP	3&4Q08	Title V report							
30											
31	2009	5C NESHAP	1Q09	No violations							
32		Title V	1Q09	No violations							
33											
34		5C NESHAP	1&2Q09	No violations							
Ħ			1	0.52 lb VOC/ton							
				instead of 0.36 at	D.6.5(f), 326 IAC 8-	electronic copy of		0.52 lb			
35		Title V	2Q09		13-3(b) and (c),	T5 report, F drive	4/17/2009		1	New	
ادت			1-402	pione minabox			1, 11, 2003	. 20,000		1	

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mmm.		5	-			·	Ü				,,
				Don't have report but							
				assume all violations in							
36	*	5F NESHAP	1&2Q09	Title V report							
37		CO NEGULES	2000	** · · · · ·							
38 39		5C NESHAP Title V	3Q09 3Q09	No violations No violations							
40		Title v	3009	INO VIOIALIONS							
H											
ΙI				Don't have report but							
ΙI				assume all violations in							
41	*	5C NESHAP	4Q09	Title V report							
					D 2 4@(2)					Carra Carrie	
ΙI				#7 coke oven push	D.2.4©(2), which is 326 IAC 6.8-9-	electronic copy of				Same Equip, Same	Door Machine hooked to two (#5 and #7) suction
42		Title V	4Q09	opacity, 22% > 20%	3(a)(3),	T5 report, F drive	11/16/2009	22.0%	1	violation	ducts simultaneously, introducing excess air
			1.222		-1-14=11		12, 10, 2003	22.370			The state of the s
				#2 QBOP Shop, opacity						Same Equip,	
				greater than 20% 3-	D.9.4©, 326 IAC 6.8					Same	
43		Title V	4Q09	min	3-4	T5 report, F drive	10/8/2009	29,78%	2	violation	slopping due to insufficient lime addition
				B 101							
				Don't have report but assume all violations in							
44	*	5F NESHAP	3&4Q09	Title V report							
45		DI NESHAF	384003	Title V Teport							
	2010 *	5C NESHAP	1Q10								
П				VOC monitoring		electronic copy of					
47		Title V	1Q10	system failure	D.6.13	T5 report, F drive	3/2/2010	NA	1	New	no claim of malfunction
				#2QBOP shop, Failed						Fail to Calibrate in	
ΙI				to calibrate differential		electronic copy of				Complaint,	
48		Title V	1Q10	pressure transmitter	D.9.14(e)	T5 report, F drive	3/1/2010	NA	1	but	calibration not completed within 6 months
49				·							·
П											
ΙI				Don't have report but							
ا ۔ ا		5011501110		assume all violations in							
50	*	5C NESHAP	2Q10	Title V report		8/16/12 email from					
51		Title V	2Q10	No violations		D. Sampias					
52		5F NESHAP	1&2Q10	No violations		2. 23mple3					
53			<u> </u>								
54		5C NESHAP	3Q10	No violations							
				III	D.2.4(e) and	105141 4 /42 /44					
				#2 coke oven battery, opacity from more	D.2.5(c) of Title V permit, 325 IAC 6.8-	IDEM's 1/13/11 referral to us (in				Camo Equi-	
					9-3(a)(5), 326 IAC 6.8-	email from Sampias				Same Equip, Same	
55		Title V	3Q10	pipes	11-3-2 respectively	on 1/21/11)	8/13/2010	7.0%	1	violation	Patch and seal leaks is the response
56			1	Leafe was			5, 25, 2020				
П											
				Don't have but assume							
57	*	5C NESHAP	4Q10	all violations in Title V							
										New for	
				#1 BOE energies						Gary, but	
				#1 BOF operation out of compliance with	D.8.1 and D.8.15,	electronic copy of				other sites had O&M	
58		Title V	4Q10	O&M plan	and 63.7800(b)	T5 report, F drive	12/11/2010	NΔ	6	violations	Low differential pressure, south venturi scrubber
50		ince v	14010	Outvi piaii	B. 10 03.7600(D)	.s.eport, runve	12/11/2010			violetions.	cow amerender pressure, south venturi scrubber

	Α	В	С	D	E	F	G	Н	- 1	J	К
				#2 coke oven battery,	D.2.4(e) and D.2.5(c) of Title V	electronic copy of T5 report, F drive.					
				opacity from more	permit, 325 IAC 6.8-	Violation stated in				Same Equip,	
					9-3(a)(5), 326 IAC	referral, but not in				Same	
59		Title V	4Q10	pipes	11-3-2 respectively	report	10/22/2010	6.5%	1	violation	
60		5F NESHAP	3&4Q10	No violations							
61											
62	2011	5C NESHAP	1Q11	No violations							
				Same violations listed in NESHAP report for							
63		Title V	1Q11	First Half (below)							
64											
65		5C NESHAP	1&2Q11	No violations							
66		Title V	2Q11	No violations							
67		5F NESHAP	1&2Q11	BOF roof monitor opacity	C.1(a), 326 IAC 5-1, 63.7790(a) and 63.7833(a),	Attachment 2 to fileroom hard copy SF NESHAP report	2/16, 2/16, 2/21, 2/21	21.7%, 28.8%, 25%, 35%	4	Same Equip, Same violation	Wet scrap reacted with hot metal, wet OP bundles reacted with hot metal
				#14 Blast Furnace opacity from roof	C.1(a), 326 IAC 5-1, 63.7790(a) and	Attachment 2 to fileroom hard copy				New for #14, but other BFs have this	"Use of water for cooling on the drill shaft over extended period of time", improper alignment of drill
68		5F NESHAP	1&2Q11	monitor	63.7833(a),	5F NESHAP report	2/3, 2/23	21, 21%	2	violation	in hole
69											
70	*	5C NESHAP	3Q11	Don't have report but assume all violations in Title V report							
71		Title V	3Q11	#8 Blast Furnace opacity from roof monitor	C.1(a), 326 IAC 5-1, 63.7790(a) and 63.7833(a),	electronic copy of T5 report, F drive	8/9/2011	23.0%	1	Same Equip, Same violation	mud gun ring broke off but not replaced for next plug
72		Title V	3Q11	#2 coke oven precarbonization opacity	C.1(a), 326 IAC 5-1,	electronic copy of T5 report, F drive	9/3/2011	20.8%	1	New for coke oven, but other equip has this violation	bad insulator in B, isolating it, when switched to A, shut down on high Oxygen
73		Title V	3Q11	#2 battery offtakes, opacity from more than 5% of offtakes	D.2.4(e) and D.2.5(c) of Title V permit, 325 IAC 6.8- 9-3(a)(5), 326 IAC 11-3-2 respectively	electronic copy of T5 report, F drive	8/19/2011	5.8%	1	Same Equip, Same violation	
74											
75 ·	*	5C NESHAP	4Q11	Don't have report but assume all violations in Title V report							
76		Title V	4Q11	No violations		8/16/12 email from Dave Sampias					

П	А	В	С	D	F	F	G	Н			I ĸ
		U		<u> </u>	-	'		<u> </u>	<u> </u>		*
				Don't have report but							
				assume all violations in							
77	*	SF NESHAP	3&4Q11	Title V report							
78											
				Don't have report but assume all violations in							
70	2012 *	5C NESHAP	1Q12	Title V report							
1	2012	JC NESTIAL	1012	ride v report							
				#2 QBOP opacity 20%				unknown,		Same Equip,	
				opacity, 3-min	D.9.4©, 326 IAC 6.8-	electronic copy of		not		Same	
80		Title V	1Q12	standard	3-4	T5 report, F drive	3/19/2012	provided	2	violation	crane was blocking move of ladle to the car
				#2 QBOP opacity 20%	L <u>.</u>			unknown,		Same Equip,	
١					D.9.4©, 326 IAC 6.8-		_ , ,	not		Same	
81		Title V	1Q12	standard	3-4	T5 report, F drive	3/23/2012	provided	1	violation New for	charged wet scrap
										Gary, but	
				Unknown blast furnace	C.1(a), 326 IAC 5-1			unknown,		other sites	
				opacity and O&M plan		electronic copy of		not		had O&M	Report admits violation of c.1(a), the 20% opacity
82		Title V	1Q12	violation	63.6(e)	T5 report, F drive	1/6/2012	provided	1	violations	standard, but this is also a failure of NESHAP O&M plan
				#7 coke oven lost						New for #7,	
				suction, producing						but other	#4 condensing turbine tripped, bearings lost
				opacity over 60% for a				unknown,		equip had	lubrication when steam pressure fell and secondary
l l				cummulative total of		electronic copy of		not		this	electrical lube system did not kick in due to incorrect
83		Title V	1Q12	15 minutes	C.1(b), 326 IAC 5-1	15 report, F drive	1/20/2012	provided	1	violation	setpoint
				Unspecified coke oven						New for	
				lost suction, producing						Oven, but	
				opacity over 60% for a				unknown.		other equip	
				cummulative total of		electronic copy of		not		had this	
84		Title V	1Q12	15 minutes	C.1(b), 326 IAC 5-1	T5 report, F drive	1/29/2012	provided	1	violation	
					D.2.4(e) and						
					D.2.5(c) of Title V						
				emissions from more	permit, 326 IAC 6.8-					Same Equip,	
0.5		T'-1 - 14	1012	than 5% of the offtake		electronic copy of	2/24/2012	6.00/		Same	
85 86		Title V	1Q12	pipes	11-3-2 respectively	15 report, Farive	3/24/2012	6.0%	1	violation	
	No Violations										
88	,								47		Total number of violations
89											
90											
91											
92		N. Ve L.									
93		No Violations									
94		3/19/09 #14 BF stack test									
94		3/17/09 Sinter									
95		plant stack test									
۳		11/17/09 QBOP									
96		stack test									
97											
	Notes:										

	A	В	С	D	E	F	G	H	-	J	K
30,77777		5C NESHAP -									
		Coke Ovens									
		Pushing,									
		Quenching and									
99		Battery Stacks									
		5F NESHAP -									
		Integrated Iron									
100		and Steel									
		Email by Dave									
		Sampias on									
		8/16/12 states									
		that any violation									
		of NESHAP 5F or									
		5C would be in									
		the Title V report,									
		so NESHAP's not									
101		needed.									
		* = don't have									
102		report									